

Title (en)

UNIVERSAL CLOSURE AND METHOD OF LUBRICATION

Title (de)

UNIVERSALVERSCHLUSS UND SCHMIERVERFAHREN

Title (fr)

DISPOSITIF DE FERMETURE UNIVERSELLE ET PROCÉDÉ DE LUBRIFICATION

Publication

**EP 2352434 A4 20150429 (EN)**

Application

**EP 09824243 A 20091103**

Priority

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Abstract (en)

[origin: WO2010051559A1] A seal assembly includes a first seal and a second seal positioned in the first end element. The second seal can include at least one longitudinal groove therein and have members connected thereto. A stopper member is coaxially positionable within the second seal and the first seal and a lubricant can be positioned between the stopper member and the second seal. The seal assembly can also be integrated with a capsule for removable insertion within a tubular member.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2010051559 A1 20100506**; CN 102271593 A 20111207; EP 2352434 A1 20110810; EP 2352434 A4 20150429; TW 201026345 A 20100716;  
US 2010194060 A1 20100805; US 2013096598 A1 20130418

DOCDB simple family (application)

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US 201213705598 A 20121205; US 60759309 A 20091028